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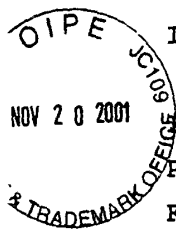
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor

Christian HELMIG et al

Patent App.

09/919,338

Filed

31 July 2001

Conf. No. 2736

For

METHOD OF AND APPARATUS FOR WAVELENGTH  
DETECTION

Art Unit

Not known

Hon. Commissioner of Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b)**

A PTO 1449 form has been filed in this case citing references or the like referred to in the body of the application. Those references will not be discussed further. An additional PTO 1449 form is enclosed formally making of record U.S. Patent 5,493,113 and German open application DE 198 21 616 A1, both of which also were discussed in the text of the application.

For the Examiner's information and not listed on the new PTO 1449 is an Office Action dated 5 April 2001 in which DE 198 21 616 A1 was applied as a reference and claim 1 of the original German application was found to be not allowable over the reference which was described as disclosing a method of wavelength detection by temperature utilizing a glass fiber with the following features:

Broadband light is coupled into a glass fiber.

The broadband light is passed through a Bragg grating 4 of a specific wavelength in a first glass fiber.

The first glass fiber is introduced into the temperature region at which the temperature is to be detected.

A second glass fiber is connected to an evaluating unit.

The temperature increase in the region whose temperature is detected shifts the specific wavelength of the first Bragg grating.

The reflected component from the first Bragg grating is coupled into the second glass fiber and supplied to the evaluating unit and the output signal of the evaluating unit is a measure of the temperature of the region.

Based on that reference the Examiner has found claims 1-8 as failing to define invention over that publication.

A copy of the response to that Office Action is likewise enclosed. As a result of the response, the German application was found to be allowable.

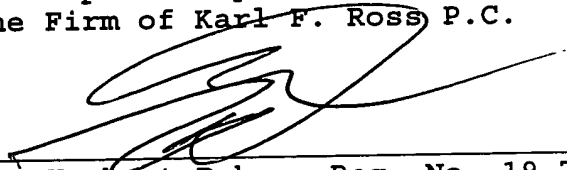
There is also enclosed a copy of U.S. Patent 6,137,565 which corresponds to DE )S 198 21 616. That reference is listed on the PTO 1449 form as well.

There is an excerpt enclosed from a book which in an English translation of its title reads, "Light Waveguides in Sensor Technology and Optical Communications Technology". That book was mentioned at page 2 of the German Office Action.

Consideration of these references is requested. No fee for certification is required since this Information Disclosure

Statement is filed prior to the initial Office Action on the merits.

Respectfully submitted,  
The Firm of Karl F. Ross P.C.



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Attorney for Applicants

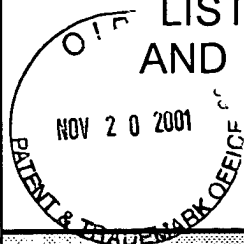
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25 October 2001  
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Enclosures: PTO 1449 w/ refs.  
German Office Action dated 5 April 2001  
Response to German Office Action  
Additional reply to German Office Action

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09/919,338

LIST OF PATENTS  
AND PUBLICATIONS

APPLICANT

Christian HELMIG et al

FILING DATE

GROUP

31 July 2001

## U.S. PATENT DOCUMENTS

EX. INIT		DOCUMENT NO. Cntry code - No.	DATE MM-YYYY	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA	5,493,113		DUNPHY et al			
	BB	6,137,565		ECKE et al			
	CC	US-					
	DD	US-					
	EE	US-					
	FF	US-					
	GG	US-					
	HH	US-					

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO. Cntry Code - No.	DATE MM-YYYY	COUNTRY	NAME	CLASS	TRANSL.	
							YES	NO
	AI	198 21 616 A1		GERMANY				
	AJ							
	AK							
	AL							
	AM							
	AN							
	AO							
	AP							
	AR							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	Lichtwellenleiter in Sensorik und optischer Nachrichtentechnik, P.223-227
AT	
AU	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if Reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

25 October 2001

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